

Ala	Asp	Ser	Gly	Glu	Gly	Asp	Phe	Leu	Ala	Glu	Gly	Gly	Gly	Val
			5						10					15
Arg	Gly	Pro	Arg	Val	Val	Glu	Arg	His	Gln	Ser	Ala	Cys	Lys	Asp
			20						25					30
Ser	Asp	Trp	Pro	Phe	Cys	Ser	Asp	Glu	Asp	Trp	Asn	Tyr	Lys	Cys
			35						40					45
Pro	Ser	Gly	Cys	Arg	Met	Lys	Gly	Leu	Ile	Asp	Glu	Val	Asn	Gln
			50						55					60
Asp	Phe	Thr	Asn	Arg	Ile	Asn	Lys	Leu	Lys	Asn	Ser	Leu	Phe	Glu
			65						70					75
Tyr	Gln	Lys	Asn	Asn	Lys	Asp	Ser	His	Ser	Leu	Thr	Thr	Asn	Ile
			80						85					90
Met	Glu	Ile	Leu	Arg	Gly	Asp	Phe	Ser	Ser	Ala	Asn	Asn	Arg	Asp
			95						100					105
Asn	Thr	Tyr	Asn	Arg	Val	Ser	Glu	Asp	Leu	Arg	Ser	Arg	Ile	Glu
			110						115					120
Val	Leu	Lys	Arg	Lys	Val	Ile	Glu	Lys	Val	Gln	His	Ile	Gln	Leu
			125						130					135
Leu	Gln	Lys	Asn	Val	Arg	Ala	Gln	Leu	Val	Asp	Met	Lys	Arg	Leu
			140						145					150
Glu	Val	Asp	Ile	Asp	Ile	Lys	Ile	Arg	Ser	Cys	Arg	Gly	Ser	Cys
			155						160					165
Ser	Arg	Ala	Leu	Ala	Arg	Glu	Val	Asp	Leu	Lys	Asp	Tyr	Glu	Asp
			170						175					180
Gln	Gln	Lys	Gln	Leu	Glu	Gln	Val	Ile	Ala	Lys	Asp	Leu	Leu	Pro
			185						190					195
Ser	Arg	Asp	Arg	Gln	His	Leu	Pro	Leu	Ile	Lys	Met	Lys	Pro	Val
			200						205					210
Pro	Asp	Leu	Val	Pro	Gly	Asn	Phe	Lys	Ser	Gln	Leu	Gln	Lys	Val
			215						220					225
Pro	Pro	Glu	Trp	Lys	Ala	Leu	Thr	Asp	Met	Pro	Gln	Met	Arg	Met
			230						235					240

FIGURE 1A

Glu	Leu	Glu	Arg	Pro	Gly	Gly	Asn	Glu	Ile	Thr	Arg	Gly	Gly	Ser	245	250	255
Thr	Ser	Tyr	Gly	Thr	Gly	Ser	Glu	Thr	Glu	Ser	Pro	Arg	Asn	Pro	260	265	270
Ser	Ser	Ala	Gly	Ser	Trp	Asn	Ser	Gly	Ser	Ser	Gly	Pro	Gly	Ser	275	280	285
Thr	Gly	Asn	Arg	Asn	Pro	Gly	Ser	Ser	Gly	Thr	Gly	Gly	Thr	Ala	290	295	300
Thr	Trp	Lys	Pro	Gly	Ser	Ser	Gly	Pro	Gly	Ser	Thr	Gly	Ser	Trp	305	310	315
Asn	Ser	Gly	Ser	Ser	Gly	Thr	Gly	Ser	Thr	Gly	Asn	Gln	Asn	Pro	320	325	330
Gly	Ser	Pro	Arg	Pro	Gly	Ser	Thr	Gly	Thr	Trp	Asn	Pro	Gly	Ser	335	340	345
Ser	Glu	Arg	Gly	Ser	Ala	Gly	His	Trp	Thr	Ser	Glu	Ser	Ser	Val	350	355	360
Ser	Gly	Ser	Thr	Gly	Gln	Trp	His	Ser	Glu	Ser	Gly	Ser	Phe	Arg	365	370	375
Pro	Asp	Ser	Pro	Gly	Ser	Gly	Asn	Ala	Arg	Pro	Asn	Asn	Pro	Asp	380	385	390
Trp	Gly	Thr	Phe	Glu	Glu	Val	Ser	Gly	Asn	Val	Ser	Pro	Gly	Thr	395	400	405
Arg	Arg	Glu	Tyr	His	Thr	Glu	Lys	Leu	Val	Thr	Ser	Lys	Gly	Asp	410	415	420
Lys	Glu	Leu	Arg	Thr	Gly	Lys	Glu	Lys	Val	Thr	Ser	Gly	Ser	Thr	425	430	435
Thr	Thr	Thr	Arg	Arg	Ser	Cys	Ser	Lys	Thr	Val	Thr	Lys	Thr	Val	440	445	450
Ile	Gly	Pro	Asp	Gly	His	Lys	Glu	Val	Thr	Lys	Glu	Val	Val	Thr	455	460	465
Ser	Glu	Asp	Gly	Ser	Asp	Cys	Pro	Glu	Ala	Met	Asp	Leu	Gly	Thr	470	475	480

FIGURE 1B

Leu Ser Gly Ile Gly Thr Leu Asp Gly Phe Arg His Arg His Pro
 485 490 495
 Asp Glu Ala Ala Phe Phe Asp Thr Ala Ser Thr Gly Lys Thr Phe
 500 505 510
 Pro Gly Phe Phe Ser Pro Met Leu Gly Glu Phe Val Ser Glu Thr
 515 520 525
 Glu Ser Arg Gly Ser Glu Ser Gly Ile Phe Thr Asn Thr Lys Glu
 530 535 540
 Ser Ser Ser His His Pro Gly Ile Ala Glu Phe Pro Ser Arg Gly
 545 550 555
 Lys Ser Ser Ser Tyr Ser Lys Gln Phe Thr Ser Ser Thr Ser Tyr
 560 565 570
 Asn Arg Gly Asp Ser Thr Phe Glu Ser Lys Ser Tyr Lys Met Ala
 575 580 585
 Asp Glu Ala Gly Ser Glu Ala Asp His Glu Gly Thr His Ser Thr
 590 595 600
 Lys Arg Gly His Ala Lys Ser Arg Pro Val Arg Gly Ile His Thr
 605 610 615
 Ser Pho Leu Gly Lys
 620

FIGURE 1C

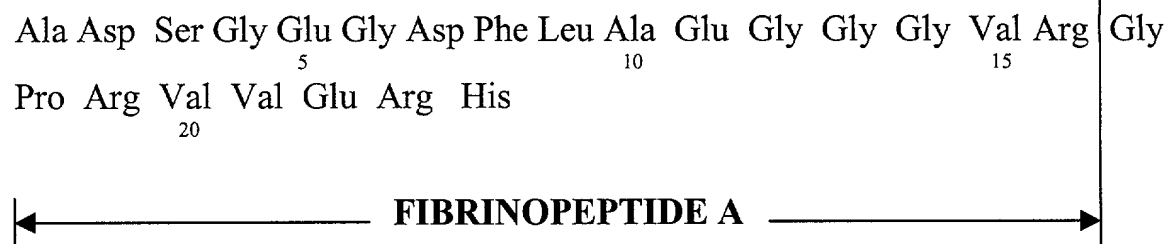


FIGURE 2

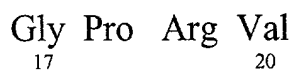


FIGURE 3

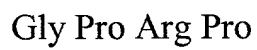


FIGURE 4

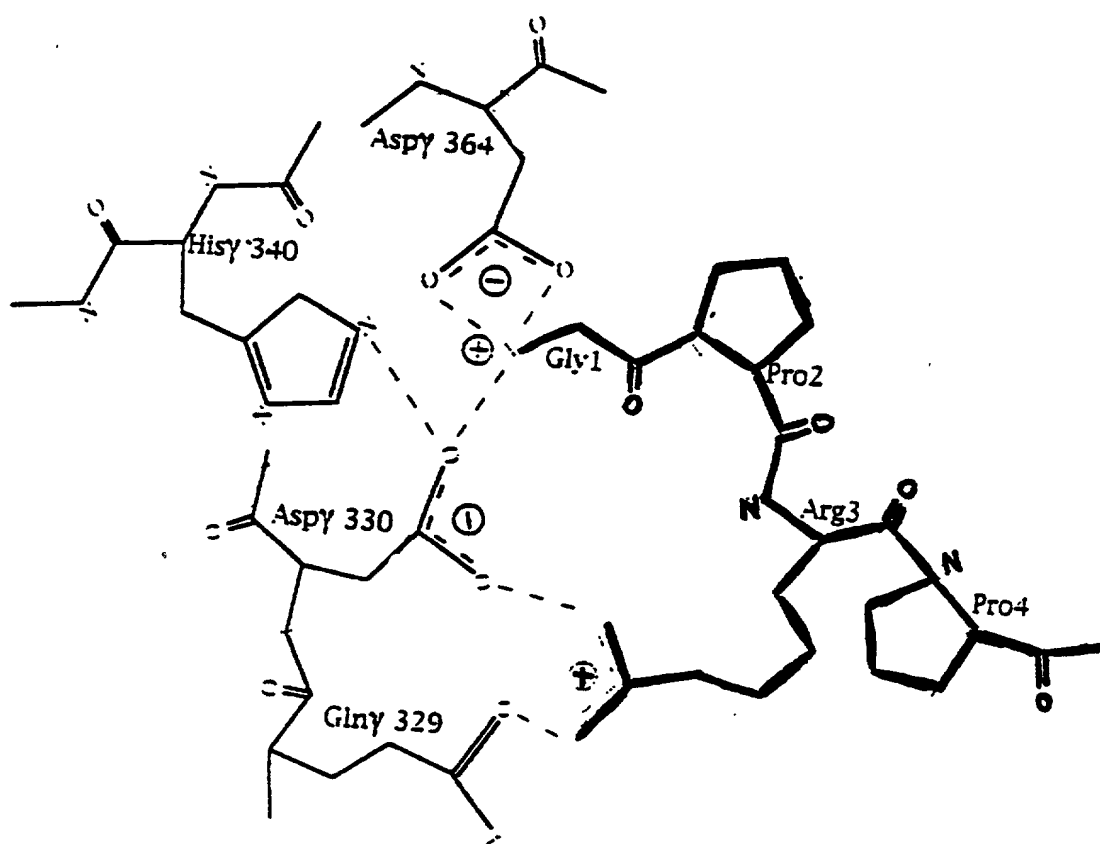


FIGURE 5